# **MEGA PLAYER 521**

**User's Guide** 

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# **Safety Instructions**

- 1. Always read the safety instructions carefully.
- 2. Keep this User's Guide for future reference.
- 3. Keep this equipment away from humidity.
- 4. Never pour any liquid into the opening that could damage or cause electrical shock.
- 5. If any of the following situations arises, get the equipment checked by a service personnel:
  - Liquid has penetrated into the equipment.
  - The equipment has been exposed to moisture.
  - The equipment has not worked well or you can not get it work according to User's Guide.
  - The equipment has been dropped and been damaged.
- 6. The power adapter should NOT be used on any other devices.
- 7. If any failure occurred to **MEGA PLAYER 521**, press the **REC**[•] button and **FM/A-B** button at the same time to reset the system, and then press the II / O button to power on the system.
- 8. Do not change the default folders in the **MEGA PLAYER 521**, or the device might function abnormally.

# **Chapter 1. Introduction**

Congratulations on becoming a new user of MEGA PLAYER 521. The new MEGA PLAYER 521 will improve the convenience of storing your personal data and the enjoyment of using various audio functions. We are proud to tell our users that MEGA PLAYER 521 is thoroughly tested and certified by our reputation for unsurpassed dependability and customer satisfaction.

MEGA PLAYER 521 is a high performance portable digital audio player that enables users not only to play MP3 or WMA audio files, listen to the FM radio broadcast, and record voice or FM program whenever needed, but also to store personal data in the memory of this device. Besides, this MEGA PLAYER 521 also works as a stopwatch and a pedometer to give users more fun of exercising.

#### Here are the main features:

- **Digital Audio Player** supports MP3 and WMA audio files playback.
- **FM Radio** provides receiving FM Radio function. Users are able to save 15 favorite FM stations.
- **Voice Recorder** provides synchronous recording function for voice.
- Radio Program Recording provides synchronous recording function for FM, recorded files will be stored in WAV format.
- Language Learning Function enables users to repeat particular section during normal playback. With this function, users will be able to pay attention on the repeated playback to learn language.
- Pedometer helps users to count how many steps you have taken and how many calories your walk or run has burned. In order to achieve the accuracy of how many steps recorded, users are required to wear the MEGA PLAYER 521 on their upper arm or waist. However, please be

informed that the accuracy may vary due to different weight, stride, or unsteady vibration.

- **Stopwatch** allows users to use **MEGA PLAYER 521** as a stopwatch.
- USB Flash Disk allows users to store data in MEGA PLAYER 521.

The MEGA PLAYER 521 provides Changeable Startup logo, you can edit, convert, and store personalized startup logos. The MEGA PLAYER 521 also provides Screen Saver which will run automatically to protect the OLED screen.

Thank you for choosing **MEGA PLAYER 521**. We hope you will continue to turn to us for quality products as your personal needs and interests grow.

### **How to Use This Guide**

This User's Guide provides instructions and illustrations on how to install and operate your MEGA PLAYER 521. We assume that those users whose operating system is at least Windows 98 or 98SE are familiar with their OS, and are capable to follow the step-by-step instructions to install the driver of MEGA PLAYER 521. For users who are not able to manage the operating system properly, it is suggested to learn more about Microsoft Windows by referring to your Microsoft Windows manual before installing the provided driver.

Chapter 1, **Introduction**, tells you the descriptions of all the accessories of **MEGA PLAYER 521**. Please check if you have all the accessories included when you open the packing box. If any item is damaged or missing, please contact the vendor where you purchased **MEGA PLAYER 521** directly.

Chapter 2, **Getting Started**, introduces the function keys on **MEGA PLAYER 521**, the OLED Display status in different mode, and how to recharge the built-in Li-ion battery.

Chapter 3, **Driver and Utility Installation**, describes how to install **MEGA PLAYER 521** and the specially designed utility for your new **MEGA PLAYER 521**.

Chapter 4, **Basic Usage**, describes how to use **MEGA PLAYER 521** in various ways. It is recommended to read this chapter carefully before using **MEGA PLAYER 521**.

Appendix A, Specification, provides the specification and accessories of MEGA PLAYER 521.

## **Unpack**

Please unpack your **MEGA PLAYER 521** and check that the following accessories are complete with nothing missing.

### MEGA PLAYER 521 (Portable Digital Audio Player)

Sport Clip earphones with extension cable

**USB** Connector

**USB** Extension Cable

AC Adapter (optional)

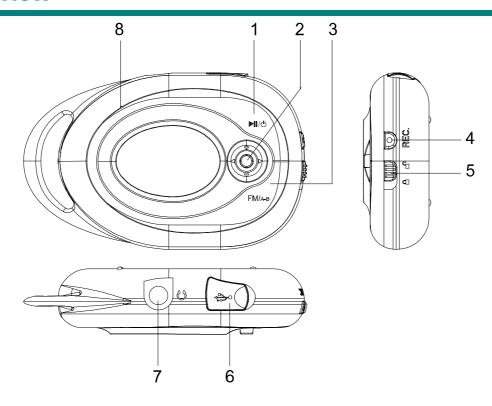
Carrying case with two armbands (armband size: XS~M; M~XL)

Driver Disk (User's Manual included)

Quick Installation Guide

# **Chapter 2. Getting Started**

### **Overview**



1. Power On/Off Press and hold to Power On or Power Off the

riess and note to rower on or rower on the

MEGA PLAYER 521.

Play/Pause In music playback mode, press to play or to pause

the playback. In FM mode, press to select the

stored favorite stations one by one.

2. 5-way MENU button Press the button and then push it to the right or to

the left to make various adjustment in operation

setting mode.

Volume +/- Push it up/down to increase/ decrease volume level.

Fast-Forward/Rewind While playing a sound track, push to right / left and

hold the MENU button to do fast-forward or rewind;

push to left once can go to beginning of the playing sound track.

3. FM/A->B Press to select FM station mode. Or, in music playback mode, press to enable the A to B repeat

function.

4. REC Press to start or stop the FM or voice recorder.

5. Hold Switch Switch to hold position to prevent accidental

operation while recording or playing.

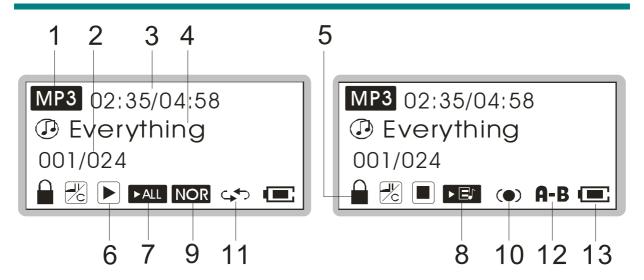
6. USB Connector Connect one end of the supplied USB extension

cable here.

7. Earphone Jack Plug the supplied earphone here.

8. MIC Internal Microphone.

## **OLED Display**



## Normal Playback Mode

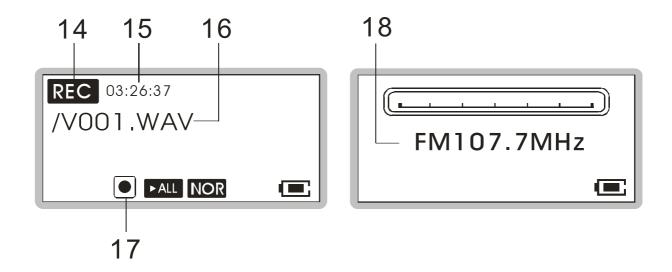
1. Playback Status Indicates either MP3 music playback or WAV

voice file playback.

2. Numbers of Files The first number tells the sequence of current

		total amount of playback files.
3.	File Info	The first timer shows the ongoing timer of the
		current playback file while the second one
		shows the total time of the file.
4.	File Name	Displays the current file name that is being
		played.
5.	Hold (Lock) Switch	Indicates when the Hold function is enabled.
6.	Function Status	This icon differs when MEGA PLAYER 521
		is in stop mode, playback mode, pause mode,
		or record mode.
7.	PLAYALL	Appears when PLAYALL is selected in
		MUSIC mode.
8.	PLAYLIST	Appears when PLAYLIST is selected in
		MUSIC mode.
9.	Equalizer	Indicates the EQ mode settings which include
		Normal, Classical, POP, Rock, and Jazz.
10.	SRS	Appears when SRS function is switched on.
11.	Repeat Mode	Indicates the repeat mode settings which
		include Normal, Repeat One, Repeat All,
		Shuffle, and Shuffle Repeat.
12.	A to B Repeat	Indicates when A to B section repeat function
		is enabled.
13.	Battery Status	Indicates the Battery Status.

playback file while the second one tells the



#### **Record Mode**

14. Recording Status Appears when MEGA PLAYER 521 is in

record mode.

15. Recording Timer Indicates the time length of current recording

file.

16. Recording File Name Displays the current recording file name. The

recording file format is ADPCM (.WAV).

17. Function Status This icon differs when **MEGA PLAYER 521** 

is in stop mode, playback mode, pause mode,

or record mode.

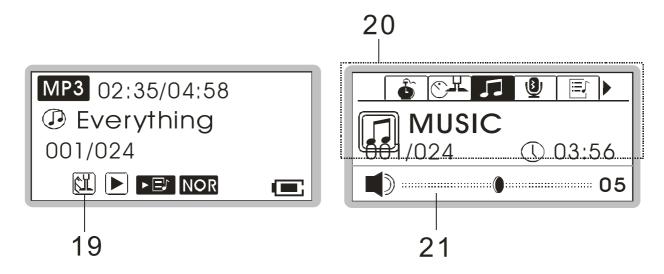
#### FM Mode

18. FM Frequency Indicates the FM Frequency that is being

broadcasted.

### **Pedometer** Function

19. Pedometer Appears to show the pedometer status.



### **Operation Menu**

20. Operation Menu

These icons shift when MEGA PLAYER 521 is in different Operation mode which includes MUSIC, VOICE, SETTINGS, DELETE FILE, ABOUT, EXIT.

### **Volume Adjustment**

21. Volume

Displays the volume status. Push the **Menu** button up or down to adjust the volume.

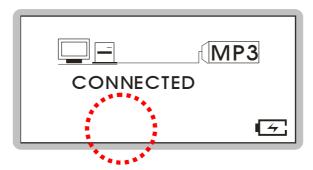
## **Li-ion Battery Recharging**

**MEGA PLAYER 521** comes with a Li-ion rechargeable battery. The Li-ion battery is capable to work up to maximum 18 hours for playback when the battery is fully charged every time. To use the device for the very first time, remember to charge the Li-ion battery. Follow the instructions below:

- 1. Open the rubber cap of **MEGA PLAYER 521** USB port, you will see a mini USB (B-type) port inside.
- 2. Plug one end of the USB cable to **MEGA PLAYER 521** USB port, the other end to the optional adapter, and plug it to AC power outlet. (If you don't

have adapter in hand, connect the other end of the USB cable to computer.)

3. While recharging is on going, a lightning icon will be shown in the display.



4. To stop recharging, disconnect USB cable from MEGA PLAYER 521.

Note: The built-in battery will also start recharging when MEGA PLAYER 521 is connected to the computer with the supplied USB cable.

Note: The power adapter should NOT be used on any other devices!

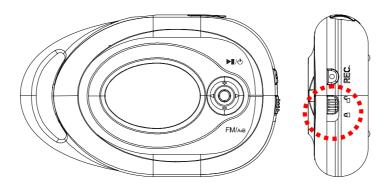
### **Battery Consumption Reference**



Category of Battery	Recording/ Playing
Li-ion rechargeable	Maximum 18 hours for playback
420mA/hr battery	

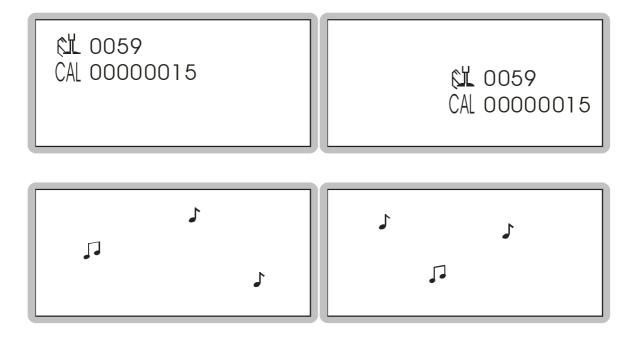
## **Hold Switch**

**MEGA PLAYER 521** has a Hold Switch, which is located on the side of the device for preventing any accidental operation while MEGA PLAYER 521 is recording or playing. Once the Hold Switch is slide to the lock position, all function keys on MEGA PLAYER 521 will be disabled instantly.



### **Screen Saver**

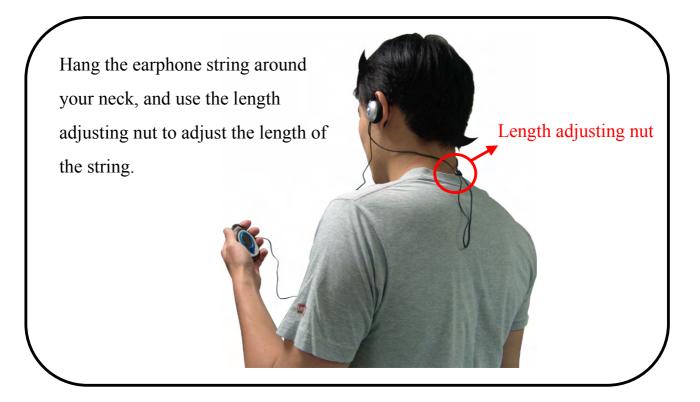
MEGA PLAYER 521 has a Screen Saver program protecting the OLED screen. After having been idle for few seconds, the device will run the Screen Saver program automatically. When the pedometer function is switch on, the information of the pedometer will be flashing on the display. When the pedometer function is switched off, there will be stars shining in the display. As long as the Hold Switch is not slide to lock position, you may press any button to go back to playback mode.



# **Sport Clip Earphone**

The high quality sport clip earphone that comes with MEGA PLAYER 521 is

special designed for you to wear in any occasion to listen to the music. With this sport clip earphone, you should find that the earphone would not come off even if when you are running, dancing, or doing any other exercise.

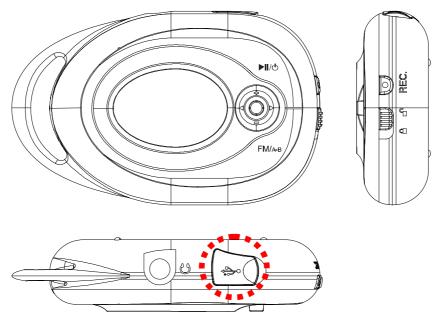


Moreover, there is also an extension cable provided for the sport clip earphone to extend the length of the earphone. Thus, you will be able to place your **MEGA PLAYER 521** in your purse, backpack, or pocket without worrying that the length of your earphone may not be long enough.

# Chapter 3. Driver & Utility Installation

# **Connecting MEGA PLAYER 521 to Your Computer**

1. Plug one end of the supplied USB cable to your computer, and plug the other end to MEGA PLAYER 521.



2. Once **MEGA PLAYER 521** is connected to the computer, MEGA PLAYER 521 should be detected by the operating system automatically.

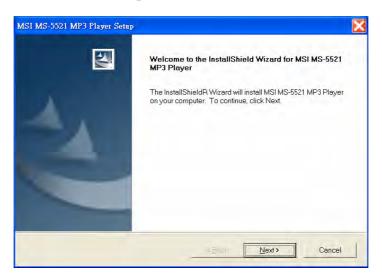
Note: If the operating system of your computer is Windows 98SE, a hardware driver for MEGA PLAYER 521 will be required.

## **Hardware Installation for Windows 98SE only**

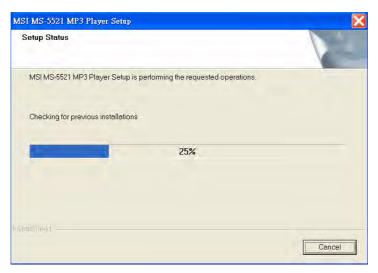
When **MEGA PLAYER 521** is connected to a computer with Windows 98SE operating system, the system will automatically detect the new hardware, and ask for a hardware driver to be installed. To install the driver, place the supplied driver CD into the CD drive, and follow the on-screen instructions to complete the installation.

### **Install Utilities**

The supplied Driver CD includes a **MEGA PLAYER 521** specialized driver. It is recommended to install even if your operating system is Windows 2000 or XP. Then, your system can recognize and fully support this device. The driver program includes a utility for upgrading the latest firmware provided by MSI via Internet. Simply insert the supplied disk into the CD drive, and then follow the on-screen instructions to complete the installation.



**MEGA PLAYER 521** also provides a tool called **Screen Editor**. With the tool, you can design your own Startup Logo. Insert the supplied CD into CD drive, and follow the on-screen instructions to complete the installation. It will create an **Screen Editor** short-cut on the desktop.



## **Using the Utilities**

Once the driver is installed, you will be able to update a new firmware or format your **MEGA PLAYER 521** with the Firmware Update utility.

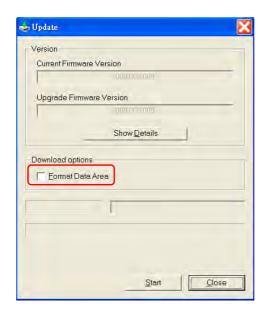
### Firmware Updating

To update the firmware, download the latest firmware from MSI website first, and follow the instructions below:

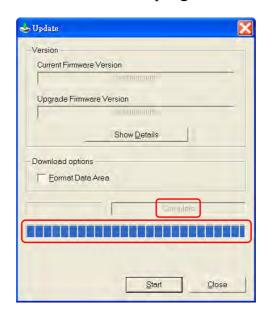
- Place the unzipped downloaded firmware under [Program files -> MSI -> MS-5521].
- 2. Connect **MEGA PLAYER 521** to computer by the supplied USB cable.
- 3. Go to [Device Manager] and look for [MSI MS-5521 USB Device] to check the connection status. If the connection is failed, you will not find [MSI MS-5521 USB Device]. At this time, repeat step 2 to retry, until you can find [MSI MS-5521 USB Device] in [Device Manager].



4. Select [Start -> Programs -> MSI MS-5521 MP3 Player -> Update] to run the firmware update utility, as the dialog below. Click on **Show Details** button to know the version of original firmware.



- 5. Choose the Download options: select **Format Data Area** if you want to update the new firmware and format the **MEGA PLAYER 521**. Or deselect it to update the new firmware without formatting **MEGA PLAYER 521**.
  - Note: if you format the MEGA PLAYER 521, the data and files you stored inside will be erased.
- 6. Press **Start** button to start updating the firmware placed in the folder mentioned in step 1. When the *blue bar* fills the column and the blank above shows "**complete**", that means the update process is complete, and you can press the **Close** button to exit program.



### **Formatting MEGA PLAYER 521**

To format the MEGA PLAYER 521, connect it to your computer with the supplied USB cable. Then you may format your MEGA PLAYER 521 with the utility mentioned above or with the Windows format tool.

Note: using the firmware update utility to format your MEGA PLAYER 521 can ensure the format quality. If you format the MEGA PLAYER 521, the data and files you stored inside will be erased.

### **Editing Startup Logo**

With the **Screen Editor** program, you can design personalized startup logos. The **Screen Editor** tool is like the Windows Paint program. You can import an existing image or create a whole new logo on your own. Select the Line, Point, Eraser, Reverse, and Input text to edit within the Edit Area and you can view the image instantly. Save the logo files to the \Logo\ folder of device, and you have more options for the startup logo. Click the Help icon for more information about how to use this **Startup Logo** program.

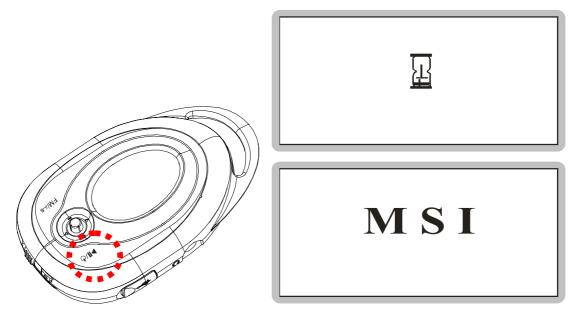


Note: after connecting the MEGA PLAYER 521 to your computer, view the drive with Windows Explorer. You may find ten default startup logo files (.mlg) under the Logo folder. You can edit/ add more logos to the folder by the Screen Editor. Note that there can be at most twenty logos. If you deleted all the files in the folder, the default MSI logo will be shown on the screen when you power on the MEGA PLAYER 521. In that case, you will not be able to change the startup logo.

# Chapter 4. Basic Usage

### **Power On and Off**

1. Press the ► II / U button once to turn the power on. When powered on, a power on icon and startup logo will be shown on the display.



2. To power off MEGA PLAYER 521, press and hold the ▶ II / Ů button until the power is switched off. Note that while pressing the ▶ II / Ů button to power off the MEGA PLAYER 521, you will see a Power Off Status Bar appearing on the display to indicate the Power Off status. Note that it takes about three to five seconds to turn the power off.



## **Adding or Deleting Sound Tracks (Files)**

## **Adding Sound Tracks (Files)**

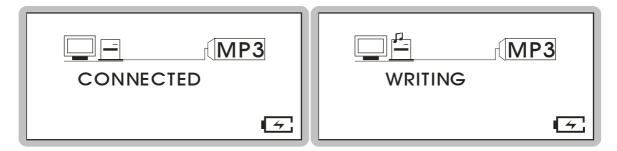
1. Press the ► II / <sup>th</sup> button to power on **MEGA PLAYER 521**. If there is no sound track stored, you will see a message shown as below on the screen.



- 2. Connect the MEGA PLAYER 521 to computer by the USB cable.
- 3. Once **MEGA PLAYER 521** is connected to computer, you will see a screen as below. You may see the icon jumping on the screen to protect the OLED.



4. Select the desired files from your computer using Windows Explorer, and copy them into **MEGA PLAYER 521** root directory. During reading and writing to the drive, the screens will show as below.



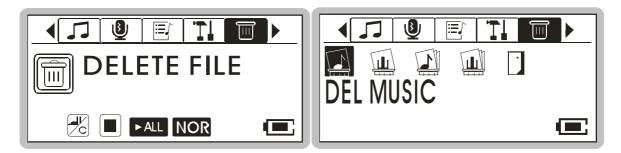
Note: Disconnecting MEGA PLAYER 521 while transferring might cause file destroy or system failures.

5. You can add, delete, or edit a folder on MEGA PLAYER 521 as you would

normally do to hard drives. In other words, **MEGA PLAYER 521** is a portable hard disk.

### **Deleting a Track (File)**

- 1. Press the **Menu** button once, and push the **Menu** button to right or left to select **DELETE FILE**. Press the **Menu** button again to enter.
- 2. Now, push the **Menu** button to right or left to select **DEL MUSIC**, and press the **Menu** button again to enter.



3. All files will be displayed by sequence. Push **Menu** button right or left to select **Y** to delete file shown on the display/ select **N** to go next file/ select **EXIT** to leave. Press **Menu** button again to confirm your decision.



Note: you can easily use Windows Explorer to manage / delete music files.

## **Deleting All Tracks (Files)**

- Press the Menu button once, and push it to the right or to the left to select
   DELETE FILE. Press the Menu button again to enter
- Now, push the Menu button to the right or to the left to select DEL ALL MUSIC, and then press the Menu button again.



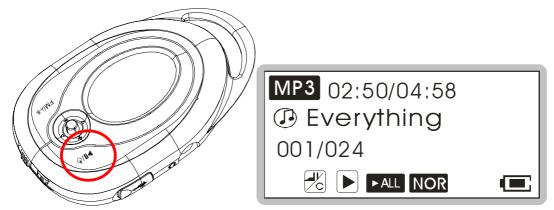
3. Push the **Menu** button to the right or left to select **Y** to delete all music files if you are sure about it, or select **N** to leave the current screen. Note that it may take several seconds to delete all of the files.



## **Music Playback**

### **Normal Playback**

1. Press the ► II / 🖰 button to play the current selected file.



2. During playback, press the **II** / **U** button again to pause the playback.

## **Select the Next or Previous Track (File)**

1. During playback, push the **Menu** button to the right once to play next track.



2. Or, push the **Menu** button to the left once to go back to the previous track.

#### **Fast-Forward or Rewind**

- 1. During playback, push **Menu** button to right and hold the position to fast-forward the current track.
- 2. Push **Menu** button to left and hold the position to rewind the current track.

### **Volume Adjustment**

- 1. Push the **Menu** button up or down to increase or decrease the volume level.
- 2. You may check the display to see the Volume status.



# **Creating or Removing a Folder**

MEGA PLAYER 521 allows users to create their own folders and classify songs (files) into these folders in order to achieve a better file management. Connect MEGA PLAYER 521 to the computer, and use Windows Explorer to create or remove a folder on MEGA PLAYER 521 as do to hard drives.

Here is an example showing that three folders named ALBUM ONE, ALBUM TWO, and ALBUM THREE are created.

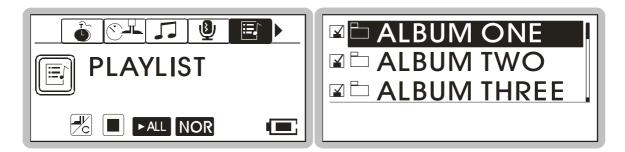


## **Editing Play List**

**MEGA PLAYER 521** provides a convenience Play List for users to enable or disable a particular folder or a particular song (file) easily and quickly. With a simple select or deselect, you can decide which folder or which song (file) will be played later as your wish.

### Selecting or Deselecting a folder

1. Press the **Menu** button once, and push it to the right or left to select **PLAYLIST**. Press the **Menu** button again to enter **PLAYLIST** mode.



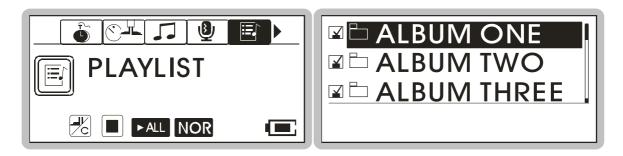
2. To locate a previous or next folder, push the **Menu** button up or down repeatedly. To select or deselect a folder, press the **Menu** button. The check box goes empty when the folder is deselected. Read the check box to see if a folder is selected or deselected.



3. Once all the decisions are made, push the **Menu** button to the left once to leave the sub-menu.

### **Selecting or Deselecting a song (file)**

1. Press the **Menu** button once, and push it to the right or left to select **PLAYLIST**. Press the **Menu** button again to enter **PLAYLIST** mode.



- 2. To locate a previous or next folder, push the **Menu** button up or down repeatedly.
- 3. To enter a located folder, push the **Menu** button to the right once. To leave the folder, push the **Menu** button to the left once.



4. To locate a previous or next song (file), push the **Menu** button up or down repeatedly. To select or deselect a song (file), press the **Menu** button.

The check box goes empty when the song (file) is deselected. Read the check box to see if a song (file) is selected or deselected.



5. Once all the decisions are made, push the **Menu** button to the left once to leave the folder, and keep pressing the **Menu** button to the left a few times to return to main menu.

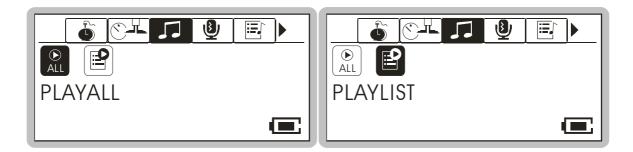
## **Selecting Music Mode**

**MEGA PLAYER 521** enables users to decide either playing the entire music files stored one after the other, or playing the music files according to the play list set by users. Default selection is to play the entire music files stored one after one.

1. Press the **Menu** button once, and push it to the right or left to select **MUSIC**. Press the **Menu** button again to enter MUSIC mode.



2. Push the **Menu** button to the right or to the left to select **PLAYALL** (playing the entire music files stored one after the other), or **PLAYLIST** (playing the music files according to the play list set by users).



3. Press the **Menu** button to confirm the selection, and the icon of the selected music mode will be shown in the display.



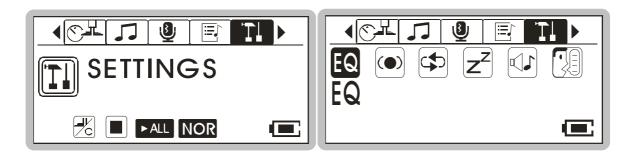
#### PLAYALL PLAYLIST

- 4. Note that when a different Music Mode is selected, the playback will be stopped and the system will switch the Music Mode to the new selection that has just been made.
- 5. To start the playback, press the ▶ II / Ů button again.

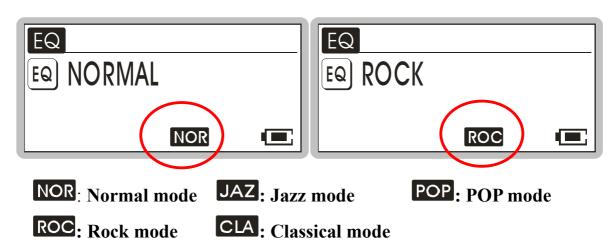
## **EQ Settings**

MEGA PLAYER 521 provides various EQ modes, such as JAZZ, ROCK, CLASSICAL, and POP, for users to choose to increase the enjoyment of listening to music, and to meet the personal need or habit.

- 1. Press the **Menu** button once, and push it to the right or left to select **SETTINGS**. Press the **Menu** button again to enter.
- 2. Push it to the right or left to select **EQ**. Press the **Menu** button to enter.



- 3. Now push the **Menu** button to the right or to the left to choose the desired **EQ** mode between **NORMAL**, **ROCK**, **JAZZ**, **CLASSICAL**, and **POP**. The default **EQ** setting is **NORMAL** mode.
- 4. Once a desired **EQ** mode is selected, press the **Menu** button once, and you should see the indicator of each different **EQ** mode appears on the bottom of the display.

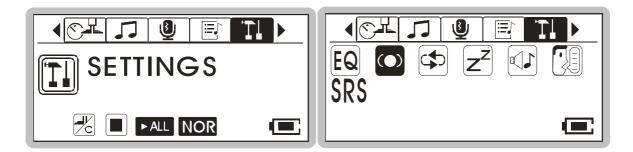


# **SRS** (Sound Retrieval System)

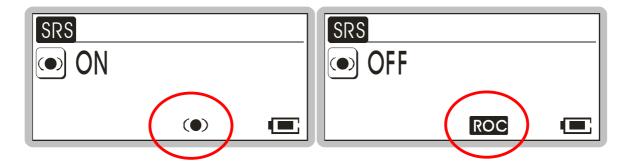
In addition to EQ selections, **MEGA STICK 521** provides the **SRS** (●) (Sound Retrieval System) effect. Enable it in Setting Menu, audio will be playing in surround-sound. Note that once SRS is enabled, the EQ settings will be disabled at the same time.

- 1. Press the **Menu** button once, and push it to right or left to select SETTINGS.
- 2. Press the Menu button again, and push the Menu button to the right or to

the left to select SRS.



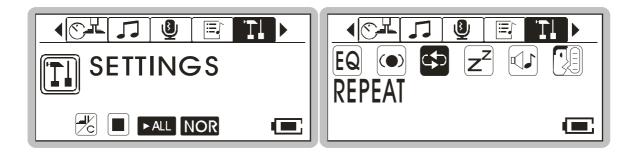
- 3. Press the **Menu** button again to enter SRS selection mode.
- 4. Now push the Menu button to the right or to the left to select ON to enable the SRS effect, and the SRS icon appears. If OFF is selected to disable the SRS effect, the SRS icon disappears and the EQ mode icon you set for EQ will appear in the display instead.



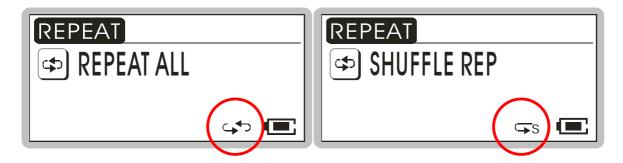
## **Repeat Settings**

MEGA PLAYER 521 allows users to select a desired playback setting between NORMAL, REPEAT ONE, REPEAT ALL, SHUFFLE, and SHUFFLE REP to meet the personal need or habit.

- 1. Press the **Menu** button once, and push it to the right or to the left to select **SETTINGS**.
- 2. Press the **Menu** button again, and push it to the right or to the left to select **REPEAT**.



- 3. Press the **Menu** button, and now push the **Menu** button to the right or to the left to choose the desired **REPEAT** mode between **NORMAL**, **REPEAT ONE**, **REPEAT ALL**, **SHUFFLE**, or **SHUFFLE REP** as you want.
- 4. Once a desired **REPEAT** mode is selected, press the **Menu** button once, and you should see the indicator of each different **REPEAT** mode appears on the bottom of the Display.

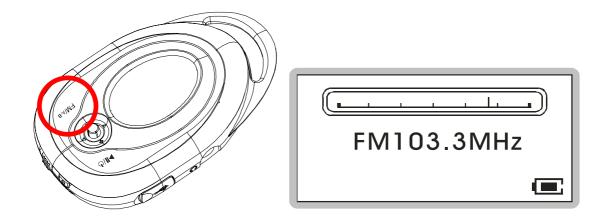


## **FM Radio Mode**

When FM Radio Mode is selected for the very first time, **MEGA PLAYER 521** will run an auto station searching and store the searched 15 stations as the preset favorite stations.

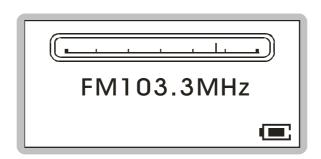
#### Switch to FM Radio

1. Press the **FM/A-B** button for about one second to select FM Mode. You will see the radio frequency shown on the screen.



### **Selecting FM Stations**

- 1. Once the FM Radio Mode is selected, use the **Menu** button by pushing it to the right or to the left to go to the desired station.
- 2. While searching for the desired station, you will see the frequency appearing on the display.



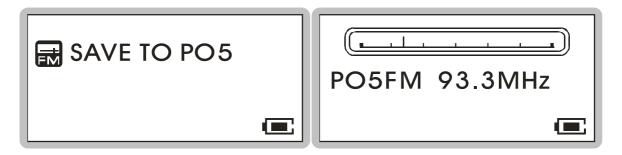
## **Storing a Favorite Station**

With this favorite station memory function, you will be able to store 15 favorite stations named from P01 to P15 into the memory of **MEGA PLAYER 521**.

- 1. To store a favorite Station, select a desired frequency first.
- Press the Menu button once, and you should see the message of SAVE TO
   P01 appears on the display.

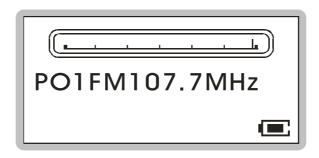


- 3. Push the **Menu** button to the right or left to select a desired station number.
- 4. Press the **Menu** button again to confirm saving the selected frequency to the selected favorite station number. To set another favorite station, repeat step 1 to 4.



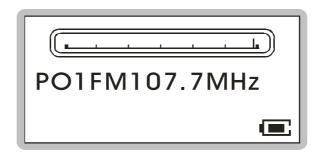
## **Selecting the Stored Favorite Station**

1. To select the stored favorite station, press the ▶ II / Ů button repeatedly.

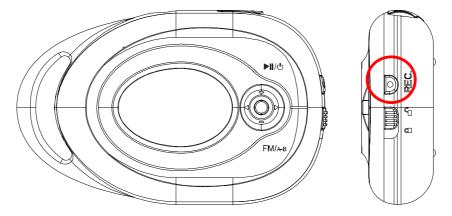


## **Recording Radio Broadcast**

1. Select a desired station frequency.



2. Press the **REC**[•]button once.



3. Once the **REC**[•] button is pressed, the selected station frequency will start to be recorded. On the display, users should read that a recording FM voice file is generated and placed under the [ \FM\ ]folder. The recording file name sequence starts from [F001. WAV], [F002. WAV], and so forth.



- 4. To stop recording, press the **REC**[•]button again or the **Menu** button.
- 5. The maximum length of the recording depends on how much available memory space is left while recording.

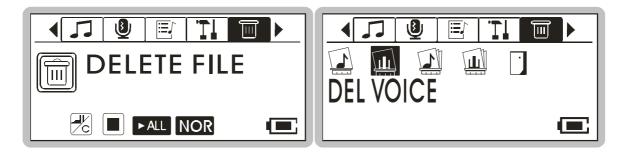
## Playing a Recorded FM Voice File

1. To play a recorded FM voice file, first you must make sure that you are in

- the Playback mode. Press the **Menu** button once, and then push the **Menu** button to the right or to the left to select **VOICE**.
- 2. Press the **Menu** button again, and use the **Menu** button to select a desired recorded FM voice file by pushing the **Menu** button to the right or left.
- 3. Once desired voice file is selected, press ▶ II / Ů button to start playing. *Note: all the recorded FM files will be displayed by sequence.*

#### **Deleting a Recorded FM/ Voice File**

- 1. Press the **Menu** button once, then push the **Menu** button to the right or to the left to select **DELETE FILE**.
- Press the Menu button once and push it right or left to select DEL VOICE.
   Press the Menu button again to enter the submenu of DEL VOICE.



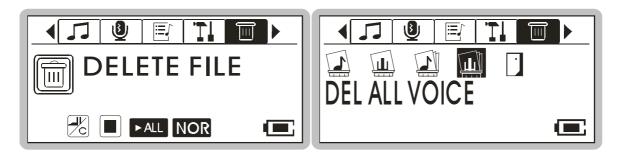
3. All of the recorded files will be displayed by sequence. Push the **Menu** button to the right or to the left to select **Y** to delete the file shown on the display, or select **N** to skip to next file, or select **EXIT** to leave.



Note: you can easily use Windows Explorer to manage/ delete recorded files.

#### **Deleting All FM/ Voice Files**

- 1. Press the **Menu** button once, and push the **Menu** button to the right or to the left to select **DELETE FILE**.
- 2. Press the **Menu** button again to enter **DELETE FILE** submenu. Now, push the **Menu** button to the right or to the left to select **DEL ALL VOICE**, and then press the **Menu** button again.



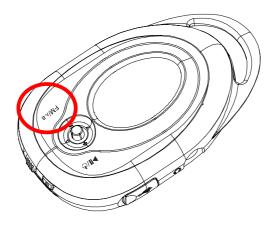
3. To reconfirm the deletion of all recorded FM/ voice files, push the Menu button to the right or to the left to select Y to delete all music files or select N to leave the current screen. Note that it may take several seconds to delete all of the FM/ voice files.



## Switching between FM and Playback mode

#### Switching to FM mode

Except in the Delete File Menu, you can press **FM/A-B** button for one second and go to the FM mode.



#### Switching from FM mode to previous mode

Press **FM/A-B** button once to leave FM mode.

#### **Voice Recorder**

**MEGA PLAYER 521** also works as a synchronizing recorder. You can use it to record your own voice, an interview or a speech, and so on.

#### **Recording Voice**

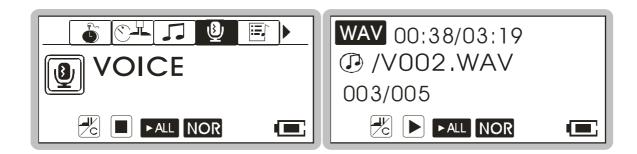
- 1. Press the **REC**[●] button to start voice recording function.
- 2. A recording file would be generated and placed under [\VOICE\] folder. The file name starts from [V001. WAV], [V002. WAV], and so forth.



3. To stop recording, simply press the **REC**[•] button again.

### Playing a Recorded Voice File

- 1. To play a recorded voice file, press the **Menu** button once, and then push the **Menu** button to the right or to the left to select **VOICE**.
- 2. Press the **Menu** button again, and use the **Menu** button to select a desired recorded voice file by pushing the **Menu** button to the right or to the left.

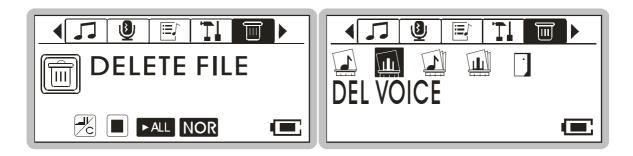


3. Once the desired voice file is selected, press the ▶ II / Ů button to start playing the file.

Note: all the recorded voice files will be displayed by sequence.

#### **Deleting a Recorded Voice File**

- 1. To delete a recorded voice file, press the **Menu** button once, and then push the **Menu** button to the right or to the left to select **DELETE FILE**.
- Press the Menu button, and push the Menu button to the right to select DEL VOICE. Press the Menu button again to enter the submenu of DEL VOICE.



3. All of the recorded voice files will be displayed by sequence, push the **Menu** button up or down to select a file that you want to delete. Push the **Menu** button right or left to select Y to delete the file shown on Display/ select N to skip to the next file/ select EXIT to leave current screen.



Note: you can easily use Windows Explorer to manage/ delete recorded files.

#### **Deleting All recorded Voice/FM Files**

- 1. To delete a recorded voice/ FM file, press the **Menu** button once, and push the **Menu** button to the right or to the left to select **DELETE FILE**.
- 2. Press **Menu** button again to enter **DELETE FILE**. Push **Menu** button to the right or left to select **DEL ALL VOICE**, and press **Menu** button again.



3. Push the **Menu** button to the right or to the left to select **Y** to delete all recorded voice/ FM files, or select **N** to leave the current screen. Note that it may take several seconds to delete all of the voice files.



## **Language Learning Function**

MEGA PLAYER 521 enables users to listen to a particular section repeatedly

during music or voice playback. With this function, users will be able to pay attention to the repeated section and to achieve the result of language learning.

- 1. During music playback, find the starting point of the repeating section to set, and press **FM/A-B** button. You will see the indicator of **A-** appearing.
- 2. Find the terminal point of the repeating section to set, and press **FM/A-B** button again. At this moment you will see the indicator **A-B** appearing on the screen. This means that you have set the repeating section successfully.



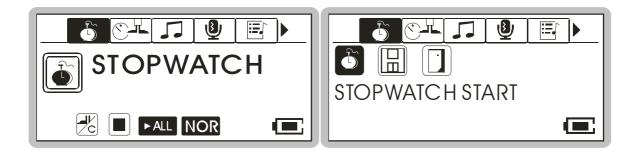
- 3. Once the indicator **A-B** appears on the screen, you will hear the repeating playback that you have set previously again and again.
- 4. To cancel the repeating playback and return to the normal playback, press the FM/A->B button again, and the indicator A-B will disappear from the display.

## **Stopwatch Function**

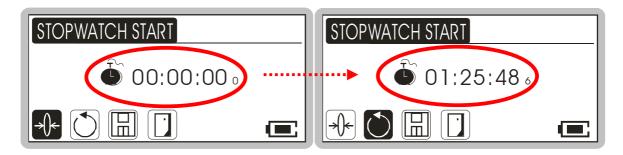
**MEGA PLAYER 521**'s stopwatch can be used as a physical stopwatch to provide users more information or give users more fun while exercising.

#### **Stopwatch**

- 1. Press the **Menu** button, and push it to the right or to the left to select **STOPWATCH**. Press the **Menu** button to enter **STOPWATCH** mode.
- 2. Select STOPWATCH START, and press the Menu button to enter STOPWATCH START mode.



3. To start the stopwatch, press the ► II / Ů button once, and the stopwatch starts running. To stop the stopwatch, press the ► II / Ů button again.

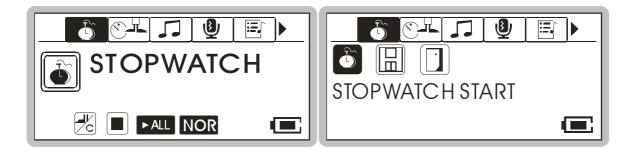


4. To leave the **STOPWATCH START** mode, push the **Menu** button to the right or to the left to select the **EXIT** icon, and then press the **Menu** button.

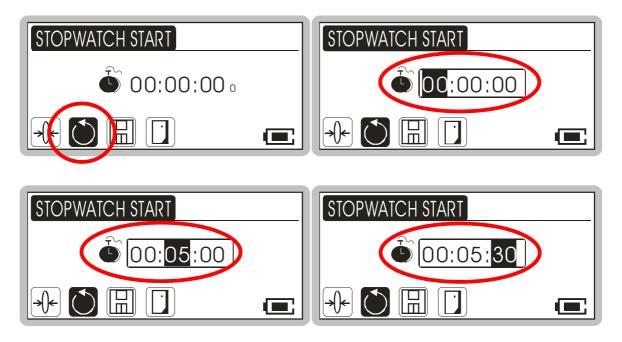


#### **Countdown Stopwatch**

- 1. Press the **Menu** button, and push it to the right or to the left to select **STOPWATCH**. Press the Menu button to enter **STOPWATCH** mode.
- 2. Select **STOPWATCH START**, and press the Menu button to enter **STOPWATCH START** mode.



- 3. Push the **Menu** button to right or to the left to select the countdown stopwatch setting icon, and then press the **Menu** button to enable the countdown stopwatch setting mode.
- 4. Set the HOUR by pushing the Menu button up or down. Select MINUTE by pushing the Menu button to the right once, and then set MINUTE by pushing the Menu button up or down. Select SECOND by pushing the Menu button to the right once again, and then set SECOND by pushing the Menu button up or down.

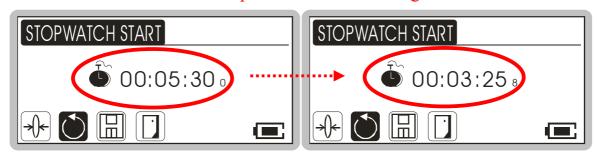


5. Once the countdown stopwatch is set, press the **Menu** button to confirm the setting. The timer format is HH:MM:SS.



6. To start the countdown stopwatch, press the ► II / U button.
To stop the countdown stopwatch, press the ► II / U button again.

Countdown stopwatch is now counting down

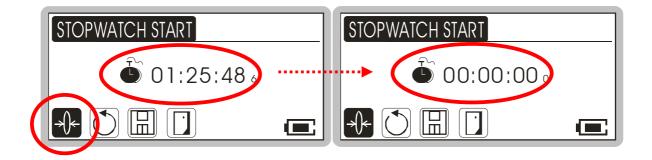


7. To leave the **STOPWATCH START** mode, push the **Menu** button to the right or to the left to select the **EXIT** icon, and then press the **Menu** button.



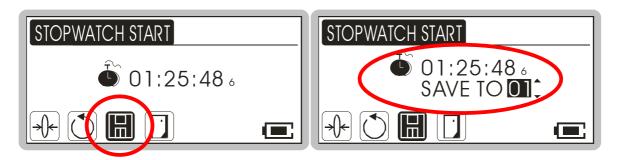
## **Zeroizing the Stopwatch**

1. To zeroize the current stopwatch, push the **Menu** button to the right or to the left to select and press the **Set Zero** icon.



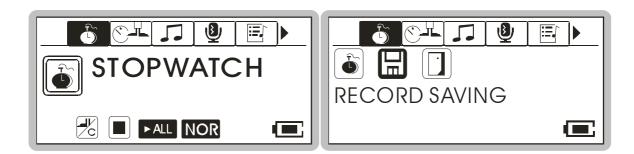
#### **Memorizing the Stopwatch Record**

- 1. To memorize the current stopwatch record, push the **Menu** button to the right or to the left to select the **Floppy** icon.
- 2. Press the **Menu** button, and select the record saving location from 1 to 10 by pushing the **Menu** button up or down. Once the proper location is selected, press the **Menu** button to confirm the selection.



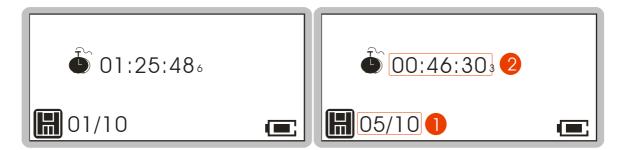
#### Recalling the memorized Stopwatch Record

 Use the Menu button to select STOPWATCH, and then RECORD SAVING mode.



- 2. Press the **Menu** button to enter the **RECORD SAVING** mode.
- 3. Push the Menu button to the right or to the left to select the desired

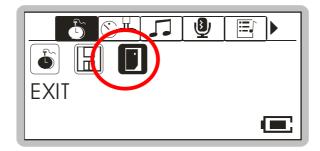
memory location.



- Memory Location (Current location / Total locations)
- Stopwatch Record

#### Leaving the STOPWATCH Mode

1. Select **EXIT** and then press the **Menu** button once to leave the **STOPWATCH** mode.



## **Pedometer Function**

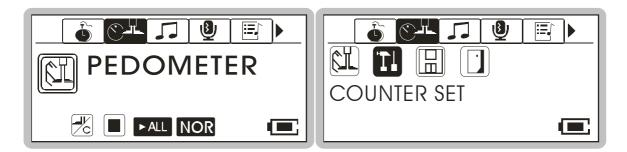
MEGA PLAYER 521's pedometer helps users to record how many steps they have taken during an exercise period, and how many calories their walk or run have burned. In order to achieve the accuracy of how many steps recorded, users are required to wear the MEGA PLAYER 521 on their upper arm or waist. However, please understand that the accuracy may vary due to different weight, stride, or unsteady vibration.

## Setting the Weight and Stride

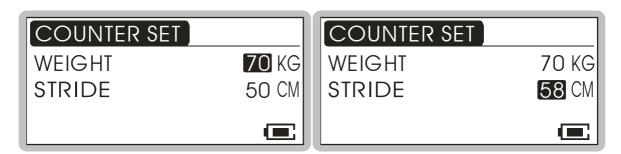
1. Press the Menu button, and push it to the right or to the left to select

#### PEDOMETER.

2. Press the **Menu** button again to enter **PEDOMETER** mode. Select **COUNTER SET** by pushing the **Menu** button to the right or to the left, and then press the **Menu** button to enter the **COUNTER SET** mode.



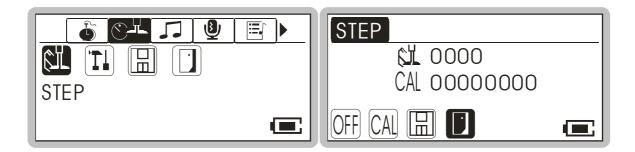
3. Push the **Menu** button up or down to select the digits of WEIGHT or STRIDE, and then push the **Menu** button to the right or to the left to enter your body weight or your stride.



4. Once the weight and stride are set, press the **Menu** button once to leave the **COUNTER SET** mode. Default settings for WEIGHT and STRIDE are 50 kg and 50 cm.

## **Starting the Pedometer**

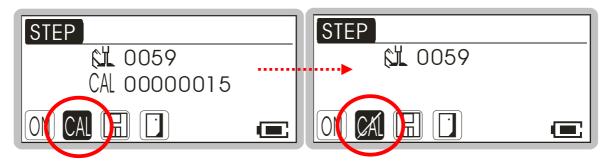
1. Enter pedometer **STEP** mode, and then select **STEP** by pushing the **Menu** button to the right or to the left, and then press the **Menu** button to enter the pedometer **STEP** mode.



- 2. Push the **Menu** button to the right or to the left to select the **OFF** icon, and then press the **Menu** button once to start the pedometer. When the pedometer is switched on, the **OFF** icon becomes **ON** icon.
- 3. Wear the **MEGA PLAYER 521** on the upper arm or waist. The pedometer is now taking the steps you walk or run. Besides, you may also read the calories burned on the screen.



4. To avoid seeing the information of calories burned, push the **Menu** button to the right or to the left to select the **CAL** icon, and then press the **Menu** button once to disable the information of calories burned.



5. To leave the pedometer **STEP** mode, push the **Menu** button to the right or to the left to select the **EXIT** icon, and then press the **Menu** button.

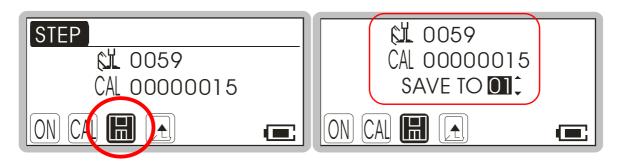
Note: Before you leave the pedometer STEP mode, you may decide to

switch OFF or ON the pedometer. If you leave the pedometer STEP mode when the pedometer is still switched on, the pedometer will be recording the steps taken and calories burned. However we suggest that to keep the accuracy of the steps and calories recorded, it is necessary to wear the pedometer on your upper arm or waist.



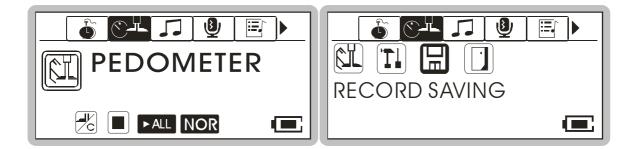
#### **Memorizing the Pedometer Record**

- 1. To memorize the current pedometer record, push the **Menu** button to the right or to the left to select the **Floppy** icon.
- 2. Press the **Menu** button, and select the record saving location from 1 to 10 by pushing the **Menu** button up or down. Once the proper location is selected, press the **Menu** button to confirm the selection.



#### **Recalling the memorized Pedometer Record**

 Use the Menu button to select PEDOMETER, and then RECORD SAVING mode.



- 2. Press the **Menu** button to enter the **RECORD SAVING** mode.
- 3. Push the **Menu** button to the right or to the left to select the desired memory location.



- Memory Location (Current location / Total locations)
- Steps Record
- 6 Calories Record

## **Leaving the PEDOMETER Mode**

1. Select **EXIT** and then press the **Menu** button once to leave the **PEDOMETER** mode.



#### Meaning of the PEDOMETER icons

1. If the pedometer function is switched on, this icon means the pedometer

will record the steps taken and calories burned at the same time.



2. If the pedometer function is switched on, this icon means the pedometer will record the steps taken only.



## **Operation Menus**

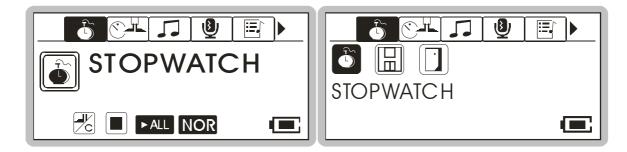
**MEGA PLAYER 521** provides a **5-way Menu button** which lets you switch between Music Playback, FM Radio or Recording mode, and all the settings.

Operation Menus			
STOPWATCH	STOPWATCH	1. Zeroize the stopwatch setting.	
	START	2. Set the countdown stopwatch.	
		3. Memorize up to 10 stopwatch records.	
		4. Exit	
	RECORD	Recall the 10 stopwatch timer records.	
	SAVING		
	EXIT	Exit the stopwatch function.	
PEDOMETER	STEP	1. Switch ON or OFF the pedometer.	
		2. Enable or Disable the information of	

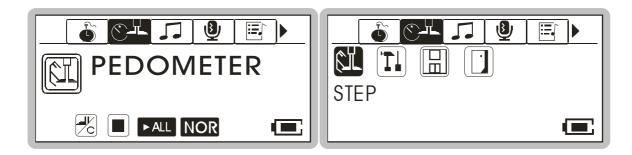
		calories burned
		3. Memorize up to 10 pedometer records.
		4. Exit
	COUNT SET	Set the Weight and Stride here.
	RECORD	Recall the 10 pedometer records.
	SAVING	
	EXIT	Exit the pedometer function.
MUSIC	PLAYALL	All the music files stored will be played on
		after the other.
	PLAYLIST	Play the music files according to the play list
		set by users.
VOICE		File names
PLAYLIST		Decide which folder or which music song
		(file) will be played.
SETTINGS	EQ	NORMAL/ ROCK/ JAZZ/ CLASSICAL/
		POP
	SRS	OFF/ ON
	REPEAT	NORMAL/ REPEAT ONE/ REPEAT ALL/
		SHUFFLE/ SHUFFLE REP
	POWER OFF	DISABLE/ 1 MIN/ 2 MINS/ 5 MINS/10
		MINS
	RECORD RATE	STANDARD/BETTER/BEST
	LANGUAGE	Supports up to 10 languages, the supported
		languages may vary from country to country.
	STARTUP	Startup logo files (.mlg)
	The state of the s	
	SRS REPEAT  POWER OFF  RECORD RATE  LANGUAGE	(file) will be played.  NORMAL/ ROCK/ JAZZ/ CLASSICA POP  OFF/ ON  NORMAL/ REPEAT ONE/ REPEAT AL SHUFFLE/ SHUFFLE REP  DISABLE/ 1 MIN/ 2 MINS/ 5 MINS/ MINS  STANDARD/BETTER/BEST  Supports up to 10 languages, the supportal languages may vary from country to country

	SCREEN	30 SECS/1 MIN/ 2 MINS/ 5 MINS
	SAVER	
	EXIT	Exit to the main menu
DELETE	DEL MUSIC	Delete a Music file (.mp3)
FILE	DEL VOICE	Delete a Voice/ FM recorded file (.wav)
	DEL ALL	Delete all Music files
	MUSIC	
	DEL ALL	Delete all Voice or FM radio recording files
	VOICE	
	EXIT	Exit to the main menu
ABOUT		Show Firmware Version and Memory Status
EXIT		Exit to the playback mode

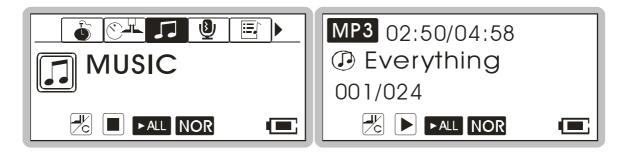
- 1. Press the **Menu** button once, and push the **Menu** button to the right or to the left to select the desired function.
- 2. Select **STOPWATCH** and press the **Menu** button to enter stopwatch mode.



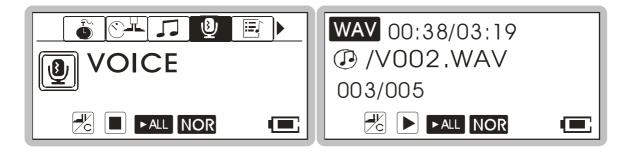
3. Select **PEDOMETER** and press the **Menu** button to enter pedometer mode.



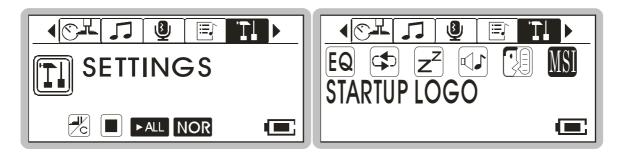
4. Select MUSIC and press the Menu button to enter music playback mode.



5. Select **VOICE** and press the **Menu** button to enter voice playback mode.



6. Select **SETTINGS** and press the **Menu** button to enter Setting mode. In **SETTINGS** mode, you are able to make adjustment for various functions.



Note: adjustment for all items under the settings menu can be made during music playback or when music playback is stopped.

7. Select **DELETE FILE** and press the **Menu** button to delete music or voice.



8. Select **ABOUT** to read the information of **MEGA PLAYER 521**, including the firmware version, total memory, and free memory.



9. Select **EXIT** to return to Music Playback mode.

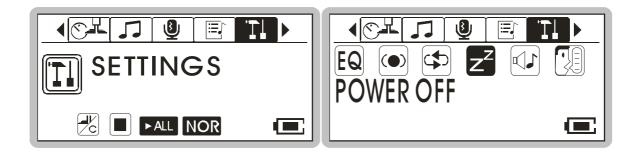


## **Other Settings**

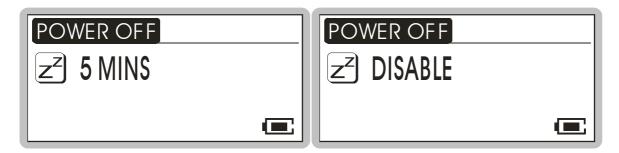
#### **Power Off**

User can set a timer under Power Off setting to turn off the MEGA PLAYER 521 automatically when MEGA PLAYER 521 is idle for a certain time.

- 1. Press Menu button, push it to the right or to the left to select SETTINGS.
- 2. Press the **Menu** button again, and push the **Menu** button to the right or to the left to select **POWER OFF**.



3. Push the **Menu** button to right or left to select a timer to turn off the **MEGA PLAYER 521** when it is idle for a certain period. If **DISABLE** is selected,
your **MEGA PLAYER 521** will always stay on until you turn it off.

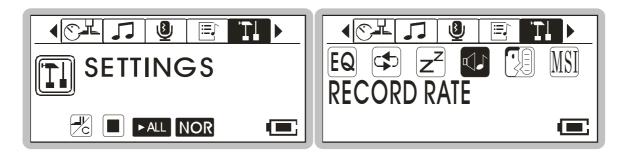


4. When a selection is decided, press the **Menu** button again to confirm the selection, and the screen will go back to its previous status.

#### **Record Rate**

Under the **Record Rate** setting, you are able to set the record rate. Note that the better record rate is selected, the bigger the recording file size will be.

- 1. Press the **Menu** button, and push it to the right or left to select **SETTINGS**.
- 2. Press Menu button again; push it right or left to select RECORD RATE.



3. Push the **Menu** button to the right or to the left to select a proper Record

Rate between **STANDARD**, **BETTER**, and **BEST**.

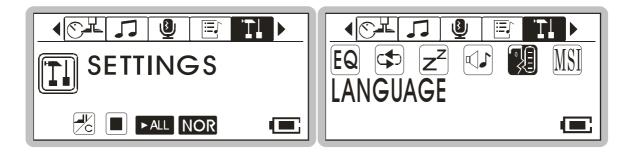


4. When a selection is decided, press the **Menu** button once to confirm.

#### Language

You are able to select the language of the MEGA PLAYER 521 interface.

- 1. Press **Menu** button once, and push it to right or left to select **SETTINGS**.
- 2. Press the **Menu** button again, and push the **Menu** button to the right or to the left to select **LANGUAGE**.



3. Now push the **Menu** button to the right or to the left to select a desired language of the interface. Press the **Menu** button once to confirm

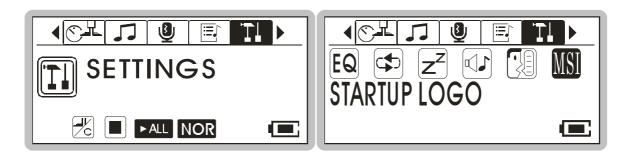


Note: MEGA PLAYER 521 supports up to 10 different languages, however, the supported languages may vary from country to country.

#### Startup Logo

You are able to select a desired graphic as the startup logo.

- 1. Press the **Menu** button once, and push the **Menu** button to the right or to the left to select **SETTINGS**.
- 2. Press the **Menu** button again, and push the **Menu** button to the right or to the left to select **STARTUP LOGO**.



3. Push the **Menu** button to the right or to the left to select a desired startup graphic within the **START LOGO** options.



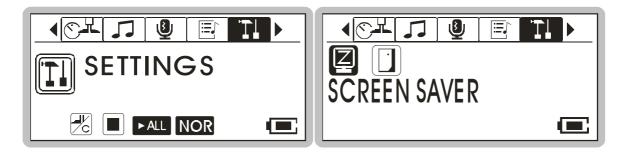
4. Once the desired graphic appears on the screen, press the **Menu** button to confirm selection, the screen will go back to its previous status.

Note: connect MEGA PLAYER 521 to the computer, you may find Startup Logo files (.mlg) under Logo folder. If you deleted all files in the folder, you will not be able to change Startup Logo. The default MSI logo will be shown on the screen when you power on the MEGA PLAYER 521.

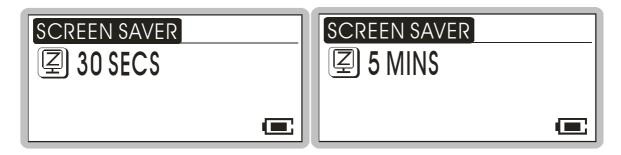
#### **Screen Saver**

Under this **Screen Saver** setting, you are able to select the screen saver timer as your needs.

- 1. Press the **Menu** button, and push the **Menu** button to the right or to the left to select **SETTINGS**.
- 2. Press the **Menu** button again, and push the **Menu** button to the right or to the left to select **SCREEN SAVER**, and then press the **Menu** button.



3. Now push the **Menu** button to the right or to the left to select a desired screen saver selection from **30 SECS/1 MIN/2MINS/5MINS**. Press the **Menu** button once again to confirm the selection.



## **USB Flash Disk**

Users are able to save personal data in various formats to MEGA PLAYER 521 memory. MEGA PLAYER 521 is a portable hard disk. To save data to MEGA PLAYER 521, simply connect it to computer, and use Windows Explorer to manage your data.

Note that due to the limitation of memory, when the total folder amount is over 50 or file amount is over 650, some music files will not be able to be loaded and be played.

# **Appendix A. Specifications**

MEGA PLAYER 521				
Dimension	82 (W) x 51 (D) x 18.6 (H) mm			
Weight	60g with battery			
Operating Temperature	0 °C ~ 45°C			
Storage Temperature	-20°C ~ +70 °C			
Audio Spec	Output: 60mW rms (30mW / channel)			
	Frequency: 20 to 20K Hz			
	SNR: >90dB			
Voice / FM Recording	Record format: WAV			
USB Flash Disk	1. Meets USB specification revision 2.0			
	2. Supports OS: Windows 98SE, Windows ME,			
	Windows 2000, Windows XP Home/ Pro,			
	Mac OS 9 and above			
	3. Windows 98SE needs extra driver installation.			
OLED module	Dimension: 23 (L) x 11.98 (W) mm / 128 x 64 pixels			
I/O Input	1. Stereo Audio- out, 3.5mm			
	2. Type B female USB connector			
EMI and Safety	FCC Class B, CE, CB, BSMI & VCCI, CCC			
Interface Language	Supports up to more than 10 languages which may vary			
	from country to country.			
Earphone	Stereo output: 20mW rms ( 10mW / channel)			
Battery	Li-ion rechargeable battery (Built in) 420 mA / hr			
Power adapter	100 ~240 V			

## **Appendix B. Driver and Utilities CD**

Insert the supplied CD disk into the CD drive.

#### **■** Install MEGA PLAYER 521 Driver

**MEGA PLAYER 521** has a specialized driver. It is recommended to install to let system recognize and fully support this device. The driver program includes a utility for upgrading the latest firmware provided by MSI website. Click to start installation, and follow the messages on the display.

#### **■** Install Screen Editor

The Start up logo of **MEGA PLAYER 521** is changeable. Install and utilize the Screen Editor tool, you can edit your own logo by yourself. Read Appendix C. for details and instructions.

#### **■** Install Adobe Acrobat Reader

A free software for viewing and printing Portable Document Format (PDF) files. To read the **MEGA PLAYER 521** User Manual, you also have to install the Adobe Acrobat Reader.

#### ■ Read MEGA PLAYER 521 User Manual

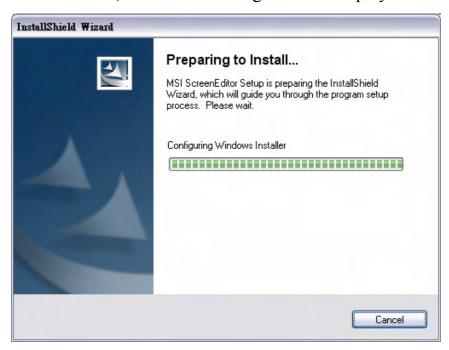
This PDF document is packed in the CD, click on the button to read.

### **■** Explore CD-ROM

Click to browse all the contents in the CD with Windows Explorer.

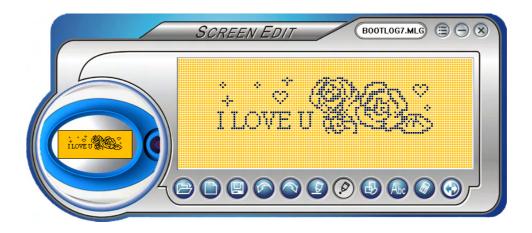
## Appendix C. Screen Editor

The Start up logo of **MEGA PLAYER 521** is changeable. With **Screen Editor** tool, you can design personalized startup logos. Click **Install Screen Editor** button on autorun screen of the Driver and Utilities CD to start installation. You will see a screen as below, follow the messages on the display.



#### **Editing Startup Logo**

**Startup Logo** tool is like the Windows Paint program. You can import an existing image or create a whole new logo on your own. Select the Line, Point, Eraser, Reverse, and Input text to edit in the Edit Area, and you can view the image instantly. Save the logo files to the root directory of device, and you have more options for the startup logo. Refer to the help document in the program for more information (click Menu button and select **Help**). Read also Chapter 4 **Startup Logo section** to know how to change Startup Logo.



Note: After connecting the MEGA PLAYER 521 to your computer, browse the drive with Windows Explorer. You may find 10 default startup logo files (.mlg) under root directory. You can edit/add more logos to the folder by Screen Editor. If you deleted all the startup logo files, the default MSI logo will be shown on the screen when you power on the MEGA PLAYER 521. In that case, you will not be able to change the startup logo.

Note: There can be at most 10 logo files. You have to delete one logo file before add a new one.